



CITY OF DUBLIN
INVITATION TO BID
BID #18-03-001
Issue Date: March 9, 2018

OPENING DATE AND TIME: March 27, 2018 at 2:00 P.M. EST

The City of Dublin will receive sealed bids for furnishing supplies or services at:

**CITY OF DUBLIN PURCHASING OFFICE
215 TRUXTON ST.
DUBLIN, GA 31021**

Bids will be publicly opened and read on the above stated date and time, local time prevailing. Late bids will not be accepted. No extension of the bidding period will be made. The City reserves the right to award a bid to multiple bidders when more than one item appears in a bid package.

Purchase requested by: Sanitation Dept.

ITEM	SUPPLIES/SERVICES	QTY.	TOTAL COST
1.	2018 35,000 GVWR Diesel Cab & Chassis per attached specs	1 ea.	\$ _____
2.	Knuckleboom Loader per attached specs	1 ea.	\$ _____
GRAND TOTAL:			_____

f.o.b. Dublin

**Delivery Time: _____

**Warranty information for vehicles and equipment must be provided with bid

In compliance with the above, the undersigned offers and agrees, if this bid is accepted within sixty (60) calendar days from the date of opening, to furnish any and all of the items upon which prices are quoted, at the price set opposite each item, delivered at the designated point(s) within the time specified in the schedule. Items on bid are exempt from federal excise tax and Georgia sales and use tax. Title shall pass to the City only

upon actual receipt and acceptance of the items. In the event there is a discrepancy between the unit price and the extended price, the unit price shall govern. Terms are N30. Bids will not be accepted via facsimile. _____ (Please initial)

NAME & ADDRESS OF BIDDER _____ _____ _____	SIGNATURE OF BIDDER _____ _____
DATE	
PHONE NUMBER & FAX NUMBER _____ _____	SIGNER'S NAME & TITLE (Type or Print) _____ _____
E-Mail: _____	

For information regarding this bid, contact Kris Harden, CPPB, Purchasing Dir., at 478-277-5047.

INSTRUCTIONS FOR BIDDERS

I. Bids must be received by the designated date and time. Late bids will not be accepted.

II. Bids must be delivered to:

City of Dublin – Purchasing Dept.
P. O. Box 690
215 Truxton St.
Dublin, GA 31040
ATTN: Kris Harden, Purchasing Director

III. Bids must be sealed with the bid number clearly printed on the outside of the envelope.

IV. Bids must be complete and include:

- A. Completed Bid Proposal Form
- B. Executed Affidavit of Non-Collusion
- C. Executed Bidder's Declaration

- All bids submitted shall be subject to acceptance or rejection and the City of Dublin specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding.
- Failure of the bidder to sign the bid or have the signature of any authorized representative or agent on the bid/proposal **IN THE SPACE PROVIDED** may be cause for rejection of the bid. Signature must be written in ink. Typewritten or printed signatures are not acceptable.
- All bids should be tabulated, totaled and checked for accuracy. The unit price will prevail in case of errors.
- If only one bid is received, the bid will be forwarded to the Mayor and Council for a determination to accept and award the bid or to reject and re-bid.
- Bids requiring bid bonds will not be read or considered if bond is not enclosed. Bond may be in the form of cash, certified check, cashier's check or Surety Bond issued by a Surety Company licensed to conduct business in Georgia.
- Bids must meet or exceed the specifications in order to be considered by the City of Dublin. Any reference to brand name is to be considered generic. The City of

Dublin reserves the right to award a bid to more than one bidder when two or more items appear on the bid schedule. Awards will be based on the lowest and best bid with local vendors within the City of Dublin receiving a 3% preference. Payment terms are N30 unless otherwise stated in the bid.

- Bidders shall submit all required forms and information simultaneously with sealed bids, which forms and information become a part of the property of the City of Dublin and will not be returned to bidders unless a written request to withdraw is received prior to the designated date and time of the bid opening.
- It shall be the responsibility of all bidders to indicate the brand name and model or series number of the product offered and to furnish with their bid such specifications, catalog pages, brochures, or other data that will provide an adequate basis for determining the quality and functional capabilities of the product offered. Failure to provide the requested data or product demonstrations and/or sample may be considered valid justification for rejection of bid.
- All bidders must be recognized and authorized dealers in the materials or equipment specified and be qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and City Council that he has the requisite organization, capital, plant, stock, ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
- When requested, SAMPLES will be furnished free of expense, properly marked for identification and accompanied by a list where there is more than one sample. The City reserves the right to mutilate or destroy any samples submitted whenever it may be in the best interest of the City to do so for the purpose of testing. □ The unauthorized use of patented articles is done entirely at risk of successful bidder.
- The ESTIMATED QUANTITY given in the specifications or advertisement is for the purpose of bidding only. The City may purchase more or less than the estimated quantity, and the vendor must not assume that such estimated quantity is part of the contract.
- Only the latest model equipment as evidenced by the manufacturer's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. Equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specifications, all equipment catalogued by the manufacturer as standard or required by the State of Georgia shall be furnished with the equipment. Where

required by the State of Georgia Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Georgia Department of Revenue.

- A contract will not be awarded to any corporation, firm or individual who is, from any cause, in arrears to the City or who has failed in any former contract with the City to perform work satisfactorily, either as to the character of the work, the fulfillment of the guarantee, or the time consumed in completing the work.
- Contracts may be cancelled by the City with or without cause with 30-day written notice.

NON-COLLUSION AFFIDAVIT

The following affidavit is to accompany the bid:

STATE OF _____

COUNTY OF _____

Owner, Partner or Officer of Firm

Company Name, Address, City and State

being of lawful age, being first duly sworn, on oath says that he/she is the agent authorized by the bidder to submit the attached bid. Affiant further states as bidder, that they have not been a party to any collusion among bidders in restraint of competition by agreement to bid at a fixed price or to refrain from bidding. Affiant also states as bidder, that they have not been a party to any collusion with any officer of the City of Dublin or any of their employees as to quantity, quality or price in the prospective contract; and that discussions have not taken place between bidders and any office of the City of Dublin or any of their employees concerning exchange of money or other things of value for special consideration in submitting a sealed bid for:

Firm Name

Signature

Title

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public

BIDDER'S DECLARATION

The bidder understands, agrees and warrants:

- That the bidder has carefully read and fully understands the full scope of the specifications.
- That the bidder has the capability to successfully undertake and complete the responsibilities and obligations in said specifications.
- That this bid may be withdrawn by requesting such withdrawal in writing at any time prior to the scheduled bid opening, but may not be withdrawn after such date and time.
- That the City of Dublin reserves the right to reject any or all bids and to accept that bid which will, in its opinion, best serve the public interest. The City of Dublin reserves the right to award the bid to separate bidders when more than one item appears on the schedule. The City of Dublin reserves the right to waive any technicalities and formalities in the bidding.
- That the bidder understands that these specifications are the minimum requirements and must be met or exceeded in order to be considered by the City of Dublin. The bidder acknowledges that the item bid is suitable for the intended application.
- That by submission of this bid the bidder acknowledges that the City of Dublin has the right to make any inquiry or investigation it deems appropriate to substantiate or supplement information supplied by the bidder.

If a partnership, a general partner must sign.

If a corporation, the authorized corporate officer(s) must sign and the corporate seal must be affixed to this bid.

BIDDER:

_____	_____
Name	Title

_____	_____
Name	Title

AFFIX CORPORATE SEAL (if applicable)

TERMS AND CONDITIONS -- INVITATION TO BID

1. CHANGES: No change will be made to this invitation except by written modification by the City Purchasing Office. Requests for changes must be in writing and received at least five (5) calendar days prior to the time set for opening of the bids.

2. FOB POINT: Bid price to include shipping, packing, crating, and unloading at the address in the BID SCHEDULE. Title to remain with vendor until fully accepted by the City. Goods damaged or not meeting specifications will be rejected and removed at vendor's expense. Concealed damaged goods to remain the property of vendor until replaced or removed at City's direction. All bid responses received will be F.O.B. Dublin. Delivery shipment schedule will be coordinated between the successful bidder and the City of Dublin.

3. RISK OF LOSS: Vendor agrees to bear all risk of loss, injury, and destruction of goods and materials ordered herein which occur prior to delivery to include concealed damage; and such loss, injury, or destruction shall not release vendor from any obligation.

4. BID IDENTIFICATION: All bids submitted as a result of this invitation must be returned in a sealed envelope with the bid number on the envelope.

5. WITHDRAWAL OF BIDS: Bids may be withdrawn by written request only, if the request is received prior to the time and date set for the opening of bids. Negligence on the part of the bidder in preparing his bid confers no right of withdrawal or modification of his bid after bid has been opened.

6. BID BONDS: A. Bid Bond: not required
 B. Payment and Performance Bonds: not required

7. SITE INSPECTIONS: When applicable, bidders should inspect the site to ascertain the nature and location of work and the general conditions which could affect the cost of the work. The City will assume no responsibility for representations or understandings made by its officers or employees unless included in this Invitation for Bid. While site inspections are not a mandatory requirement to submit a proposal, vendors are urged to schedule inspections to ascertain all the requirements of this invitation.

8. AWARD OF CONTRACT: Awards will be made to that responsible bidder whose bid, conforming to the Invitation for Bid, will be most advantageous to the City. Prices will not necessarily be controlling, but quality, equality, efficiency, delivery, suitability of item(s) offered, maintainability, and reputation of item(s) in general use will also be considered with any other relevant factors. The City reserves the right to reject any and/or all bids submitted and to waive any technicalities or minor irregularities in bids received. A written award, mailed (or otherwise furnished) shall be deemed to result in a binding contract without further action by either party. Contract(s), if awarded, will be on a lump

sum basis or individual item basis, whichever is found to be in the best interest of the City of Dublin.

8.1: In accepting this contract, the vendor attests that he is in compliance with the Nondiscrimination Clause contained in Section 202 of Executive Order 11246, as amended, relative to equal employment opportunity for all persons without regard to race, color, religion, sex, or national origin, and the implementing rules and prescribed by the Secretary of Labor, which is incorporated herein by reference.

9. EXCEPTIONS TO SPECIFICATIONS: Any award resulting from this invitation shall bind the bidder to all Terms, Conditions, and Specifications set forth in this invitation. Bidders whose bids do not conform should so note on a separate page if necessary and/or on the **Bid Schedule**. While the City reserves the right to make an award to a nonconforming bidder when in the best interest of the City, such awards will not be readily made, and bidders are urged to conform to the greatest extent possible. No exceptions will be considered to have been taken by bidder unless it is properly set out as provided above. No exception will be deemed to have been taken by the City unless incorporated in an award resulting from this invitation and so stated.

10. BID RESULTS: Interested parties may request, in writing, a **Bid Tabulation** by sending a self-addressed, stamped envelope with their request to City of Dublin Purchasing Department, P. O. Box 690, Dublin, GA 31040. Tabulations may also be requested by e-mail to hardenk@dlcga.com.

11. PAYMENT: Payments will be made upon all items completed each month or completion of all work and acceptance by City on invoices submitted and approved by the proper city representative within thirty (30) days of receipt of invoice unless discounts apply (see item #13). Invoices are to be submitted to: City of Dublin, P. O. Box 690, Dublin, GA 31040.

11.1 Itemize all invoices in full. Mail the original invoice to the address above. A shipping or receiving ticket will be signed and a copy left with each delivery. Purchase order numbers must appear on all delivery tickets and invoices.

11.2 Vendor must furnish delivery receipt identifying that this order has been delivered in accordance with the specifications, quantities, and price as set forth on the purchase order. A City of Dublin employee's signature must appear on the delivery receipt or invoice.

11.3 Items on this order are exempt from Federal Excise Tax and Georgia Sales and Use Tax. A certificate will be furnished if requested. The CITY OF DUBLIN is exempt from taxes but the successful bidder shall pay all taxes required of him by law and the CITY OF DUBLIN cannot exempt others from tax.

11.4 Payment terms and provisions herein or otherwise found within the contract documents supersede all provisions of the Georgia Prompt Pay Act (House Bill 837; 13 O.C.G.A. chapter 11 **ET. SEQ.**).

12. INQUIRIES REGARDING PAYMENT: All inquiries regarding payment of invoices are to be directed to Account Payable at (478) 277-5018 or to City of Dublin, ATTN: Accounts Payable, P. O. Box 690, Dublin, GA 31040.

13. DISCOUNTS: Prompt payment discounts offered for a period of less than fifteen (15) days will not be considered in determining the low bidder on this invitation. However, such discounts, when offered, will be taken provided payment is made within the time specified. Time, in connection with discounts for prompt payments, will be computed from the date of acceptance of work for which payment is claimed, or the date the correct invoice is received by the City, whichever is later.

14. EXECUTION OF CONTRACT: Subsequent to the award, the successful bidder will be presented with a contract which may be in the form of a purchase order. Contract is to be executed with ten (10) calendar days of from award notice. If the contract document is mailed, the date of presentation shall be the postmark date.

15. INSURANCE: Successful bidder must be insured and will be required to furnish a Certificate of Liability insurance to protect the City throughout the life of the contract against “**ALL RISKS**”. Coverage to include but not limited to General Liability: Comprehensive Form, Premises/Operations, Products/Completed Operations, Broad Form Property Damage, Personal Injury, and Automobile/Vehicle Liability. Worker’s Compensation and Employer’s Liability are to be statutory amounts.

16. INCLUSION: All items and/or services which are standard, expected, necessary, and/or routine to such a project as this and not actually stated in this invitation will be the responsibility of the successful bidder to provide at no other cost to the City unless so stated on the successful bidder’s proposal as additional cost items and accepted by the City at the time of the award and/or contract.

17. REGULATORY AGENCIES: Successful bidder will be responsible for all required permits or licenses required by regulatory agency of the City, County, State, or Federal Governments. Further, successful bidder will be responsible for meeting all requirements of any regulation(s) or guideline(s) of any of the said governments or any independent agency recognized by said Government as publisher of any such regulation(s) or guideline(s).

18. INDEPENDENT CONTRACTORS: The bidder represents to the CITY OF DUBLIN that he is fully experienced and properly qualified to perform the functions provided herein and that he is properly equipped, organized, and financed to perform such functions. The bidder shall finance his own operations hereunder, shall operate as an

independent contractor and not as an agent of the CITY OF DUBLIN and nothing contained in this invitation or a contract resulting from same shall be construed to constitute the bidder or any of his employees, agents, or subcontractors as a partner, employee, or agent of the City nor shall either party have any authority to bind the other in any respect; it being intended that each shall remain an independent contractor.

19. ASSIGNMENT OF CONTRACTUAL RIGHTS: It is agreed that the successful bidder will not assign, transfer, convey, or otherwise dispose of a contract that results from this invitation or his right, title, or interest in or to the same, or any part thereof, without written consent of the City.

20. STARTING TIME: work will commence within the stated calendar days and commence in a routine, orderly manner until completion and acceptance by the City.

21. INDEMNITY: Successful bidder agrees, if entering into a contract as a result of this invitation, to defend, indemnify, and hold harmless the CITY OF DUBLIN from any and all courses of action or claims of damages arising out of or related to bidder's performance or actions or those of his employees or agents, under said contract.

22. TERMINATION: pursuant to O.C.G.A. 36-60-13, if applicable, any contract resulting from this invitation, if not sooner terminated pursuant to the provisions of terminations contained herein, is terminable by the CITY OF DUBLIN Council on December 31 of each calendar year during the term of said contract, except that said contract shall be renewed automatically on such date, and without any lapse, unless positive action is taken to terminate said contract by the Council in a public meeting and such action entered in the Official Minutes of the CITY OF DUBLIN Council.

23. APPROPRIATION OF FUNDS: Initial contract and any continuation contract(s) will terminate immediately and absolutely at any such time as there are no appropriated unobligated funds available to satisfy the City's obligations under said contract(s).

24. CANCELLATION FOR CAUSE: Should either party fail to comply with the Terms and Conditions of this contract, the aggrieved party must give, in writing, to the other party any complaint for non-compliance to the Terms and Conditions of this contract. The other party shall have fifteen (15) calendar days to correct the matter. If corrected to the satisfaction of both parties within the fifteen (15) calendar days and stated in writing, then the contract will continue uninterrupted. Failure to correct the matter will result in termination of this contract at the end of the thirty (30) calendar days following the date of the initial letter of complaint.

25. LIQUIDATED DAMAGES: Any liquidated damages will be listed in the Special Terms and Conditions.

26. COMMODITY STATUS: It is understood and agreed that materials delivered shall be new, of latest design, and in first quality condition, that all bags, container, etc. shall be new and suitable for storage; unless otherwise stated by the CITY OF DUBLIN.



**City of Dublin, Georgia
CONTRACTOR AFFIDAVIT AND AGREEMENT**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the City of Dublin has registered with and is participating in a Federal Work Authorization Program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA) P.L. 99-603), in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract the City of Dublin, contractor will secure from such contractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the City of Dublin at the time the subcontractor(s) is retained to provide the service.

Business Name

EEV/ Basic Pilot Program* User Identification Number

BY: Authorized Officer or Agent

Date

Title of Authorized Office or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS _____ DAY OF _____ 20 _____

Notary Public: _____

My Commission Expires: _____

*As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV/Basic Rule Pilot Program" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in Conjunction with the Social Security Administration (SSA)



City of Dublin, Georgia
SUBCONTRACTOR AFFIDAVIT AND AGREEMENT

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the City of Dublin has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA) P.L. 99-603), in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91

Business Name

EEV/ Basic Pilot Program* User Identification Number

_____ Date _____
BY: Authorized Officer or Agent
(Subcontractor Name)

Title of Authorized Office or Agent of Subcontractor

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE _____ DAY OF _____ 20_____

Notary Public: _____

My Commission Expires: _____

*As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV/Basic Rule Pilot Program" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in Conjunction with the Social Security Administration (SSA)

CITY OF DUBLIN
P. O. BOX 690
DUBLIN, GA 31040

NO BID RESPONSE

IF FOR SOME REASON YOU ARE NOT BIDDING ON THIS PROPOSAL, PLEASE COMPLETE THE FOLLOWING AND RETURN TO THE ADDRESS BELOW BEFORE THE BID DEADLINE STATED ON THE ORIGINAL SCHEDULE.

REASON(S) FOR NO BID:

- ____ CANNOT SUPPLY AT THIS TIME
- ____ ENGAGED IN OTHER WORK
- ____ QUANTITY TOO SMALL
- ____ JOB TOO LARGE
- ____ CANNOT MEET REQUIRED DELIVERY
- ____ OPENING DATE DOES NOT ALLOW SUFFICIENT TIME TO PREPARE BID
- ____ EQUIVALENT NOT PRESENTLY AVAILABLE

OTHER REASON OR REMARKS:

COMPANY OR FIRM NAME

SIGNATURE

TITLE

DATE

RETURN TO: CITY OF DUBLIN
PURCHASING DEPT.
PO BOX 690
DUBLIN, GA 31040

CITY OF DUBLIN
 SPECIFICATIONS FOR 2018 DIESEL CAB & CHASSIS AND
 KNUCKLEBOOM LOADER
 BID #18-03-001

These specifications are intended to describe a unit comprised of a new 2018 diesel cab & chassis and a knuckleboom loader for use in the Sanitation Dept. All parts not specifically mentioned which are necessary to provide a complete unit or which are normally furnished as standard equipment, shall be furnished by the successful bidder. These specifications are the minimum acceptable and must be met or exceeded in order to be considered by the City of Dublin. **SUPPORTING LITERATURE MUST BE INCLUDED ALONG WITH WARRANTY INFORMATION.** It is the responsibility of the bidders to ensure that the equipment being bid is suitable for the intended purpose. Please indicate on the lines provided exactly what is being bid. Any exceptions must be explained.

SPECIFICATIONS FOR 2018 CAB & CHASSIS
Item #1

YEAR: _____ MAKE: _____ MODEL: _____

NEAREST PARTS AND SERVICE CENTER: _____

- | | | COMPLY/SPECIFY |
|----|--|----------------|
| 1. | Conventional cab, aluminum, with deluxe interior | _____ |
| 2. | G.V.W.R. 35,000 lbs. | _____ |
| 3. | Cab to axle - 102" min.
**Make sure CA is compatible with knuckleboom and trailer | _____ |
| 4. | Power steering. Tilt steering wheel. | _____ |
| 5. | Frame: Double channel with minimum 2,800,000 RMB per side; outside frame rails must be clear of any components | _____ |
| 6. | Engine – diesel, minimum 280 HP, 660 lb.-ft. torque @ 1400 rpm; no fuel heater or glow plugs. Engine must have CARB engine idling compliance decal. Single | |

- horizontal exhaust system. _____
- 7. Transmission - automatic, Allison 3500 RDS, 6speed. _____
- 8. Minimum 1710 HD driveline. Auto neutral to activate with parking brake. _____
- 9. Front axle - minimum 12,000 lbs _____
- 10. Rear axle - minimum 23,000 lbs. 23,000 lb. multi-leaf rear springs, rear stabilizer bar, plus 3,000 lb. auxiliary springs. Air operated, driver controlled, locking differential. _____
- 11. 12 volt electrical system, 130 amp brushless alternator, minimum 2000 CCA batteries, battery disconnect switch. Aluminum battery box, left side, under cab. Plug-in auto reset circuit breakers. Two additional electric rocker switches on dash. _____
- 12. Tires - 11R22.5 14 ply tires front and rear. Rear to be cross rib traction tread. _____
- 13. Wheels - steel disc 22.5 x 8.25 front and rear _____
- 14. Brakes - full air, Rear 16 1/2x 7" brake pad minimum, with "ES" (Extended Service) brakes. Front to be 16 1/2 x 5 "ES" brakes. _____
- 15. Radiator, heavy duty 1000 sq. inch minimum _____
- 16. Air compressor to be 17 cubic feet minimum. _____
- 17. Heavy duty vinyl high back bucket driver's seat with 2-man passenger bench seat. 3 shoulder harnesses. RH arm rest on driver's seat. _____
- 18. Air conditioning, factory installed _____
- 19. Fuel tank - 50 gallon aluminum fuel tank, right side, under cab. (Steel tank with aluminum lining is NOT acceptable) Heated fuel/water separator. _____

- 20. Cab to be tilt hood with grab handles. _____
- 21. Mirrors - Dual West Coast style with stainless steel heads & brackets. 8" convex mirrors with stainless steel heads & brackets, mounted below the WC mirrors. _____
- 22. Windshield wipers two speed with intermittent feature and washers. _____
- 23. Front towing devices. _____
- 24. RPM gauge and hourmeter to be included with full set of gauges. _____
- 25. Full width front bumper, steel _____
- 26. Lights: front/rear turn signals; automatic backup lights, LED cab marker lights and LED stop, turn & tail lights. Headlight system with daytime running lights. Junction box for body connections back of cab, With minimum 5 feet of cable from back of cab. _____
- 27. Factory installed AM/FM radio with weatherband _____
- 28. Tinted glass – all windows _____
- 29. 5# fire extinguisher and triangle reflector kit in cab _____
- 30. Remote throttle control. _____
- 31. Factory installed switch and wiring for body company to install strobe light, and switch & wiring for body company installed load lights. _____
- 32. Heated air dryer, plus pull cord drain valves on all air tanks. _____
- 33. Transmission temperature gauge on dash _____
- 34. Air cleaner restriction gauge on air cleaner. _____
- 35. 5-years/unlimited miles transmission warranty.
5-years/200,000 miles warranty on engine, including

water pump, turbo and injectors.
3 years warranty on starter & alternator.

- 36. One set of maintenance and service manuals and Assembly line sheet for Shop; one operator’s manual for Sanitation Dept. **Must be delivered with truck

Key – 4 each to be provided upon delivery

- 37. Paint: Cab to be Imron N0105EA Green or equivalent

- 38. One set of maintenance and service manuals and assembly line sheet for Shop; one operator’s manual for Sanitation Dept. delivery of truck.

- 39. Truck to be delivered to body company for the mounting of the knuckleboom loader.

CONDITIONS:

- 1. Equipment shall comply with all EPA emission standards and all motor vehicle safety standards as established by the U.S. Department of Transportation regarding the manufacture of motor vehicles.
- 2. The successful bidder shall be responsible for delivering vehicles that are properly serviced and in first-class operating condition. Pre-delivery service shall include the following:

- _____ Complete lubrication
- _____ Fluid levels filled properly
- _____ Engine adjustment to assure proper operating
- _____ Inflate tires to proper pressure
- _____ Check operation on all accessories, gauges and lights, etc.
- _____ Front end alignment and balance wheels
- _____ Clean vehicle

DELIVERY DATE: _____

SPECIFICATIONS FOR KNUCKLEBOOM TRASH LOADER
BID #18-03-001
Item #2

MAKE: _____ MODEL: _____

NEAREST PARTS AND SERVICE CENTER: _____

COMPLY/SPECIFY

- | | | |
|----|--|-------------------------|
| 1. | Loader Reach - 20 feet fully extended, 16 feet with tip retracted | _____ |
| 2. | Lift Capacity - 4,000 lb. payload @ 7.5 feet
3,000 lb. payload @ 16 feet
2,000 lb. payload @ 20 feet | _____

_____ |
| 3. | Pedestal Base – constructed of 18” wide I-beams at 40 pounds per foot. Reinforced channel will not be acceptable. Constructed with 1” steel base plate and 1.1/4” top steel plate. Pedestal base shall be equipped with removable shields covering hydraulic hoses and components for operator safety. | _____ |
| 4. | Pedestal Top – constructed with a base of 1-1/4” steel plate and sides of 3/4” steel plate. The top of the pedestal will be bolted to the pedestal base utilizing a slewing ring bearing with a minimum of 40, 5/8” grade 8 bolts torqued to 165 foot pounds. Grease fitting to be visible and accessible. | |
| 5. | Operator’s Platform – unit to have an operator’s platform with seat mounted beside the pedestal. Operator’s platform shall be mounted so as to ensure clear vision. Seat and platform must turn with boom. Loader controls shall be mounted under seat with operator levers positioned between legs. | _____ |
| 6. | Joystick controls – unit to be equipped mechanical joysticks | _____ |
| 7. | Boom Rotation – minimum 270 degree hydraulic rotary | |

actuator with a minimum of 64,800 inch/pounds torque @ 2000 PSI; assembly shall have a 329,000 pound capacity with 102,000 pounds of shock load capacity; motor to develop 110,000 inch pounds of torque at 1,000 PSI and have proper turning speeds.

Boom rotation and boom extension controls must be easily accessed by the operator.

8. Boom Data –

Main Boom – to have two heavy duty 4 x 8 x 3/8" high tensile steel tubing; to be twin design utilizing 2" ID replaceable bushings and 2" pin at hinge point; hydraulic metal lines to be installed between the two main boom tubes.

Main boom must have 2 cylinders with a minimum of 4" I.D.

Tip Boom – to have heavy duty 5 x 7 x 1/4" thick wall tube or equal with 2-1/4" bushings and 2-1/4" harden pins.

The sleeves that make up this tip boom assembly must be separated by nylatron bushings on all four sides to prevent metal to metal wear and allow a greater area for grease.

Tip extension must be hydraulically controlled from operator platform

9. Trash Grapple - 4-in-1 combination bucket which merges into one everready bucket: 1) a clamshell scoop for leaves and sand; 2) a set of branch tine arms for limbs and branches; 3) a set of scrap grapple teeth for logs and appliances; and 4) a trample ram for compacting loads on the carrier

Closing lips on the clamshell to be of forge-temp roll forged steel, must form a reverse curve in the closed position to prevent "scalping" and digging of grass lawns. Bucket size to be four feet long with an opening width of five feet. Bucket must have minimum of five ribs of high-tensile 1/2" min. thick steel on each side with minimum of 1/4" continuously welded sheet steel

sections between ribs. Each side of the bucket to have a minimum of three continuously welded interior teeth of minimum 190,000 psi cast steel.

- 10. Power Source – to be mounted on any acceptable truck chassis, with a heavy duty PTO with overspeed protection and a heavy duty hydraulic pump of 30 gallons per minute at 1200 rpm for smooth and efficient operation

- 11. Oil Tank and Filters – hydraulic system must be equipped with a 50 gallon oil tank, with sight and temperature gauge; and 50 gallon per minute return oil and suction filters with replacable elements and easy access for replacement.

- 12. Valves and Cylinders – all valves and cylinders to be of high quality to assure long lasting service life and smooth operation. Main valve must be equipped with appropriate relief valve.

- 13. Throttle Control – unit to have an electric operated throttle control to maintain proper engine speed when loader is operated under a load. Switch for throttle control to be mounted on operator’s platform for operator convenience.

- 14. Stabilizers – must be equipped with hydraulically operated stabilizers. Stabilizers to be positioned for maximum stability when lifting a 3,000 pound load at 16 feet. Stabilizers to be equipped with street pads and shall not be placed in such a manner to cause blocking of traffic or create hazards in the street. Cross tube size of 7” x 7” x 3/8” wall thickness and outside stabilizers to be 7” x 7” x 3/8” tubing. Inside tubing size for outside stabilizers to be 6” x 6” x 3/8” tubing. Cylinders are not to be exposed. Stabilizers to have a maximum of 11’ 10” spread in the down position. Stabilizers to extend out and down to provide added stability for extended boom.

Stabilizers must be “A” frame design

- 15. Float Control – must have a float control to allow boom/ bucket to free-turn with trailer around corners and positive locking means to prevent accidental release.

- 16. Diverter Valve – must have a diverter valve to divert hydraulic oil from loader controls to dump trailer controls and quick couplers for hydraulic lines. _____
- 17. Electrical – must be equipped with high quality electric brake control and quick coupler between truck and trailer. _____
- 18. Hardware – must be equipped with fenders and mud flaps over rear wheels. Must have a steel rack for storage of bucket when not stored in trailer. Must have a pintle type towing hitch. Must have full-length sub-frame running from behind cab to the end of the frame. Must be equipped with a cab protector and attached tool rack. _____
- 19. Paint – all metal to be properly cleaned, primed and painted one standard color: Imron N0105EA green or equivalent _____

DELIVERY DATE: _____

State equipment warranty:

WARRANTY: _____

